

Central Control Monthly Report for:

August 2026

-Central Control Operators-

Operators making weekly rounds and collecting data of well pumps and motors.
Making adjustments as needed to keep operation in spec.

Operators doing monthly checks on booster pump screens and testing the chlorine leak detectors.

Operators at end of month getting final monthly reads from all wells for total water produced.

Operators doing daily cleaning and maintenance as needed at well
sights, Reservoirs and at Central.

On-call operator responding to alarms as needed after hours.

Lab

Doing weekly Bacteriological Sampling' for City's potable water system for compliance sampling required by {NMED}. Collecting and analyzing 15 samples every Tuesday to meet the 60 samples required by {NMED) monthly.

Running daily analysis on wastewater for quality control.

Running three weekly BODS tests that are required per NMED permit DP-281 to discharge reclaimed water to farmland.

Monthly Effluent sampling shipped out to Pace Analytical for analysis.

Running daily E.coli, TSS, MLSS, NH₃-N and NO₃ analysis

Every Monday running analysis on Digester %Vol. Solids, %Total Solids, Alkalinity and PH. This is to ensure proper digestion

Pretreatment

Industrial surcharge sampling inspection for the month of May
Maintenance the equipment to be used in May for sampling.
Billed septic haulers/deposited checks as they came in.

Inspection of following surcharge Pretreatment inspection list:

Sonic South <i>Inspected</i>	Farleys <i>Inspected</i>
Chelys <i>Inspected</i>	Fast Lane
Panda Express	Ameripride Linen <i>Inspected</i>
NMMI	Los Cerritos <i>Inspected</i>

Inspected Red Lobster	Inspected Gran Victoria
Burrito Express South Inspected	Todzilla
Farmers Country Market Hobbs St.	KIKS Inspected
Panda Express Inspected	Superfund Site { NMED) Inspected
IHOP Inspected	Golden Corral Inspected
ENMMC Inspected	Sam's club Inspected
Taqueria Jalisco	Chili's Inspected

BLACK Betty		Mi Casita	
El Toro Bravo		Dion's Inspected	
Buffalo Wild Wing		A&W	
Escondido Restaurant		Texas roadhouse Construction Inspection	
Antigua's Inspected		La Gran Victoria	
		Lota Burger	
Dean Baldwin Inspected	Bahama Bucks	Dunkin Doughnut Inspected	Christmas by Krebs
Black Betty _____ Wing Stop	Antigua	Pizza Hut North Main St. Roswell Doughnut Inspected	Los Novillos Inspected

--	--	--	--

Glossary

Bacteriological Samples Method of collecting water samples and analyzing those samples to estimate the numbers of bacteria present.

Must be certified to sample

Bar Screen Mechanical filtration used to remove large objects such as rags, plastics and paper products. This is the first level of filtration.

Basin Rectangular tank that holds 850,000 gallons of wastewater that is aerated with fine air diffusers.

Clarifiers Wastewater is introduced into a sedimentation tank or **clarifier** and the solids are allowed to settle to the bottom once settled it is pumped to the digester for further treatment. The floatables rise to the top and are skimmed off to a scum box.

Clean Out Reduced access line in the main sewer line with a reduced 6" 90° sweep for inspection.

DWAS Tank Used to store Waste Activated Sludge {WAS} for solids separation.

Dead End Buried sewer line with no access for inspection.

Digester Three large tanks used to hold solids for anaerobic digestion. Two tanks used to heat and mix sludge one tank for extra storage. Combined gallons of tanks are 1,400,000 gallons.

GBT Gravity Belt Thickener is used for solids separation.

HAAS Halo acetic Acids samples are state required for drinking water {quarterly}.

Must be certified to sample.

Manhole Adjustments Realignment of manhole with the existing grade.

Monitoring Well Sample points to analyze ground water for quality assurance where reclaimed water is used to irrigate crops.

Reclaimed Water Wastewater that has been treated and disinfected for reuse.

PSU Possible Stop Up

Point Repair Realignment of main sewer lines or repair of broken main line.

RAS {Return Activated Sludge) settled activated sludge that is collected from the secondary clarifier and returned to the aeration basin to prevent loss of microorganisms. To help maintain a proper population for treatment.

RAS Pump Return Activated Sludge, this is the pump to pull wastewater from the final clarifiers and reintroduce it to the front of the aeration basin for reseeded the basin.

Stripping Cleaning the main sewer lines using the Vactor truck.

TTHM Total Tri halo methane samples are state required for drinking water.

Must be certified to sample.

UV Station Ultra violet lamps that disinfects processed water prior to being released to river or for irrigation of crops.

Vactor Large truck used to unplug main sewer stop ups and clean the main sewer lines.

WAS (Waste Activated Sludge) a process of removing microorganisms to help keep the biological system in balance.

WAS Pump Waste Activated Sludge, this pump is to pull wastewater from the final clarifiers and send to the DWAS tank so it can be taken out of the system and sent to the gravity belt for solids separation.

WWTP Wastewater Treatment Plant

Weekly Maintenance Stripping and cleaning main sewer lines in problem areas and lift stations.